

A B S T R A C T

AMPLIFICATION FOR VERY BROAD BAND OPTICAL FIBER
TRANSMISSION SYSTEMS

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The invention relates to a very broad band wavelength multiplexed transmission system, typically having a bandwidth greater than 150 nm or 200 nm, and in which energy transfers between channels caused by the Raman effect are compensated. The depletion of channels at shorter wavelengths is compensated by amplification which is preferably distributed, while the enrichment of channels at longer wavelengths is compensated by attenuation.

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Translation of the title and the abstract as they were when originally filed by the
35 Applicant. No account has been taken of any changes that may have been made subsequently by the PCT Authorities acting ex officio, e.g. under PCT Rules 37.2, 38.2, and/or 48.3.

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